

## WETLAND ASSESSMENT PROCEDURE FIELD FORM (2005)

Wellfield/Property \_\_\_\_\_ Station ID \_\_\_\_\_  
Historic FLUCCS Code \_\_\_\_\_ Wetland Type \_\_\_\_\_  
Personnel \_\_\_\_\_ Date \_\_\_\_\_  
Time \_\_\_\_\_

**Ground Photography Taken?** \_\_\_\_\_

### **Water Level**

Water Level Description: \_\_\_\_\_

Water Level Elevation (optional) \_\_\_\_\_

Elevation determined by: Well \_\_\_\_ Staff Gage \_\_\_\_ Other \_\_\_\_

Well or gage ID \_\_\_\_\_

## ZONATION RANKING SCALE

Please use the following scaling table to assign a zonation score for groundcover, shrubs and small trees, and trees on the following pages.

- 1) Species with an upland classification have moved into the deep zone in high numbers and distribution.
  - 2) Species have moved in two zones in high numbers and distribution, and/or some species with an upland classification have moved into the deep zone.
  - 3) Species have moved in one zone in high numbers and distribution, and/or some plants have moved in two zones.
  - 4) Species have moved in one zone in enough numbers and distribution to be of concern, and/or species with an adaptive classification are extensive in numbers and distribution in the transition zone.
  - 5) Normal zonation. Some species may have migrated inward one zone, but they are small in number and/or right along the zone edge. Adaptive species in the transition zone are not considered abnormal if they are not extensive in numbers and distribution.
- NA Not enough cover to make evaluation.

GROUNDCOVER ZONATION SCORE= \_\_\_\_\_

Dimensions of Assessment Area= \_\_\_\_\_

**Groundcover Species in Transition Zone**

<i>Groundcover Species List</i>	<i>Percent Cover</i>	<i>Wetland Zone</i>

**Groundcover Species in Outer Deep Zone**

<i>Groundcover Species List</i>	<i>Percent Cover</i>	<i>Wetland Zone</i>

**Groundcover Species in Deep Zone**

<i>Groundcover Species List</i>	<i>Percent Cover</i>	<i>Wetland Zone</i>

**Explanation:**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SHRUB AND SMALL TREE ZONATION SCORE=** \_\_\_\_\_

**Dimensions of Assessment Area=** \_\_\_\_\_

<b>Shrub and Small Tree Species in Transition Zone</b>		
<i>Shrub and Small Tree Species List</i>	<i>Percent Cover</i>	<i>Wetland Zone</i>

<b>Shrub and Small Tree Species in Outer Deep Zone</b>		
<i>Shrub and Small Tree Species List</i>	<i>Percent Cover</i>	<i>Wetland Zone</i>

<b>Shrub and Small Tree Species in Deep Zone</b>		
<i>Shrub and Small Tree Species List</i>	<i>Percent Cover</i>	<i>Wetland Zone</i>

**Explanation:**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TREE ZONATION SCORE= \_\_\_\_\_

Dimensions of Assessment Area= \_\_\_\_\_

**Tree Species in Transition Zone**

<i>Tree Species List</i>	<i>Percent Cover</i>	<i>Wetland Zone</i>

**Tree Species in Outer Deep Zone**

<i>Tree Species List</i>	<i>Percent Cover</i>	<i>Wetland Zone</i>

**Tree Species in Deep Zone**

<i>Tree Species List</i>	<i>Percent Cover</i>	<i>Wetland Zone</i>

**Explanation:**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## ADDITIONAL INFORMATION

### Disturbance

\_\_\_\_\_ Future users of this data may not want to analyze/compare this data with other wetlands due to the extensive level of non-ground-water withdrawal related disturbance.

\_\_\_\_\_ Future users of this data may not want to analyze/compare this data with other wetlands due to the extensive level of subsidence.

### Vegetation Health

**Shrubs and Small Trees.** Indicate the category below that best describes the stress of all species of shrub and small trees. Include any shrubs and small trees that are dead. Do not include species growing on hummocks. Finally, explain your choice, including a listing of the species you consider to be appropriate or inappropriate, the zones in which they are found, and the nature/symptoms of the stress

#### ***Stress of Appropriate Shrub and Small Tree Species***

- \_\_\_\_\_ showing little or no signs of stress
- \_\_\_\_\_ showing noticeable signs of stress
- \_\_\_\_\_ showing significant signs of stress
- \_\_\_\_\_ NA

Explanation: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### ***Stress of Inappropriate Shrub and Small Tree Species***

- \_\_\_\_\_ showing little or no signs of stress
- \_\_\_\_\_ showing noticeable signs of stress
- \_\_\_\_\_ showing significant signs of stress
- \_\_\_\_\_ NA

Explanation: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Vegetation Health (continued)

**Stress of Appropriate Trees.** Indicate the category below that best describes the stress of all **appropriate** species of **trees**. Do not include any standing trees that are dead. Do not include species growing on hummocks. Finally, explain your choice, including a listing of the species you consider to be appropriate, the zones in which they are found, and the nature/symptoms of the stress

- showing little or no signs of stress
- showing noticeable signs of stress
- showing significant signs of stress
- NA

**Explanation:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Stress of Inappropriate Trees.** Indicate the category below that best describes the stress of all **inappropriate** species of **trees**. Include any standing trees that are dead. Do not include species growing on hummocks. Finally, explain your choice, including a listing of the species you consider to be inappropriate, the zones in which they are found, and the nature/symptoms of the stress

- showing little or no signs of stress
- showing noticeable signs of stress
- showing significant signs of stress
- NA

**Explanation:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Vegetation Health (continued)

**Dead and Leaning Trees.** Indicate the category below that best describes the presence of leaning or dead trees within the entire wetland. Include standing dead trees, trees that are dead on the ground, and trees that are known to have died during the period of wetland observation and are no longer in the wetland. Do not include any timbered trees, or trees growing on hummocks. Restrict the analysis to appropriate species. Finally, explain your choice, including your best estimate of the number or percentage of dead and leaning trees.

- Little to no (normal amount of) dead and/or leaning trees
- Noticable amount of dead and/or leaning trees
- Significant amount of dead and/or leaning trees
- NA

**Explanation:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Signs of Tree Recovery.** Are young trees starting to grow in wetland locations in such a way that would suggest hydrologic recovery? Please explain your answer, including the species to which you are referring, and the zones in which they are found..

- Yes
- No
- Not Sure
- Not applicable

**Explanation:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Vines.** Are inappropriate vines dropping leaves or dying in a way that would suggest hydrologic recovery? Please explain your answer, including the species to which you are referring, and the zones in which they are found..

- Yes
- No
- Not Sure
- Not applicable

**Explanation:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

The following questions can be answered for either the Assessment Area or for the entire wetland. Please include comments to explain the area being described.

Are any of the following conditions apparent and obvious?

	<u>Yes</u>	<u>No</u>	<u>Not Sure</u>
Wetland edges have been filled or disturbed	_____	_____	_____
Excessive dumping or trash in wetland	_____	_____	_____
Hog disturbance	_____	_____	_____
Significant impact from cattle (trampling, etc.)	_____	_____	_____
Vehicles driving through wetland (including bicycles)	_____	_____	_____
Insect damage	_____	_____	_____
Disease	_____	_____	_____

**Explanation:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Are there signs of fire (comment on approximate year, expanse, and intensity)? Yes \_\_\_\_ No \_\_\_\_ Not sure \_\_\_\_

**Explanation:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Hydrology**

Does the wetland have augmentation equipment in place? Yes \_\_\_\_ No \_\_\_\_ Not sure \_\_\_\_

If yes, was augmentation taking place at the time of your visit? Yes \_\_\_\_ No \_\_\_\_ Not sure \_\_\_\_

Is there clear evidence of direct stormwater Inflow via a ditch or other manmade conveyance? Yes \_\_\_\_ No \_\_\_\_ Not sure \_\_\_\_

Is there clear evidence of direct drainage from the wetland via a ditch or other manmade conveyance? Yes \_\_\_\_ No \_\_\_\_ Not sure \_\_\_\_

Are there any other drainage activities in the area of note? Yes \_\_\_\_ No \_\_\_\_ Not sure \_\_\_\_

Is there a borrow pit or retention pond in the vicinity of the wetland? Yes \_\_\_\_ No \_\_\_\_ Not sure \_\_\_\_

**Comments:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**Soils**

Are there any new signs of soils oxidation or subsidence (since last 5-year review)? Yes \_\_\_\_ No \_\_\_\_ Not sure \_\_\_\_

**For lakes only**

Circle the category that best describes the docks for the entire lake:

- 1. Docks completely out of the water.
- 2. Docks touching the water or with <50% of the dock over water.
- 3. Docks >50% over water.

Is the littoral zone stranded? Yes \_\_\_\_ No \_\_\_\_

**Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Protected Wildlife and Plants**

Note any protected species of plants and animals that are observed directly or can be identified by call, tracks or scat during the wetland assessment. Also include the activity noted such as nesting, foraging, feeding, mating, resting, burrowing, etc. and any additional notes or observations.

Note any wetland dependent species of animals that are observed directly or can be identified by call, tracks, or scat during the wetland assessment. List birds, fishes, reptiles, mammals or amphibians.

Activity codes (M = mating, F = foraging, FT = flyover/traveling, N = nesting, OT = other)  
Observation codes (O = observed, S = sign [scat, tracks, call or other signs of presence])

***Protected Wildlife and Plants***

Species	Protected or Wetland Dependant?	Activity
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_